CLAIMS

The following is a listing of all claims in the application with their status and the text of all active claims.

1. (PREVIOUSLY PRESENTED) A method providing low-overhead integrated support for project information management for a user of a computer system, comprising the method steps of:

creating a memory storage containing individual descriptions of each project listed in a group of projects of a user, each individual description comprising one or more properties, said properties selected from a group consisting of at least: a name, deadline, color, icon, status, importance, and urgency; said memory storage also containing descriptions of information objects related to each project listed in said group of projects; said information objects selected from a group consisting of at least: computer files and folders, computer applications, electronic documents and their parts, web pages, computer network addresses, electronic messages, computer network transmissions, computer network connections, computer device descriptions, computer preferences and settings, user identities, user profiles and accounts, computer system-generated reports and collections, user interface components, virtual reality objects, electronic images, computer models, and personal information management system entries;

selecting, through a user-performed action, one project of said group of user's projects as an active project;

detecting, through a first detecting means, an event generated by one of at least one computer application and at least one operating system when a user-action is carried out by the user with at least one information object, the user-action selected from a list consisting of at least: creating, deleting, activating, inactivating, selecting, deselecting, opening, closing, viewing, sending, downloading, uploading, accessing over network, sharing, archiving, printing out, playing, pausing, saving, copying, moving, modifying, or editing said at least one information object;

detecting, through a second detecting means, a project, which is active at the time when said event is generated;

detecting, through a third detecting means, whether at least one of the information objects described in said event is contained in a list of information objects related to said active project:

and if said at least one information object described in said event is not contained in said list of information objects related to said active project, then adding a description of said at least one information object to said list of information objects related to said active project;

viewing and editing lists of project-related information objects;

opening an information object from a list of project-related information objects;

whereby an organization and accumulation of information objects related to individual projects of the user is accomplished in the computer system, thus enabling the user to directly access project-related information objects when work on a project is resumed after an intermission.

2. (ORIGINAL) A method according to claim 1, comprising detecting an event generated upon a user-action being carried out through first detecting means and through second detecting means further detecting which project is active when the event is generated and further comprising the step of:

creating an entry to a database containing interaction history, said entry comprising at least: the time of the event, type of user-action, information object or objects used, and the project, which is active at the time of the event;

whereby identifying a subset of entries in the interaction history database, linked to an individual project, enables the user to update, modify, or generate a list of information objects related to said individual project, through an updating, modifying, or generating means.

3. (ORIGINAL) A method according to claim 2, comprising manual viewing and editing of entries in the interaction history database.

4. (ORIGINAL) A method according to claim 2, further comprising

editing of entries in the interaction history database through manual editing or algorithm-based processing; and

storing both unedited and edited versions of the interaction history in a computer memory.

5. (ORIGINAL) A method according to claim 2, further comprising the step of:

visualizing information in the interaction history database as statistical charts and timeline or timelines.

6. (ORIGINAL) The method according to claim 2, further comprising the step of:

processing the interaction history database by converting a pre-processed sequence of three or more identical events into a processed sequence, said processed sequence containing the first and the last events of the pre-processed sequence.

7. (ORIGINAL) A method according to claim 2, further comprising the steps of:

assigning ranks to project-related resources, wherein

resources accessed with a frequency, which exceeds a predetermined value, are assigned a higher rank than a default rank assigned to a resource accessed once;

edited and saved documents, bookmarked web pages, manually entered URLs, answered messages, messages marked as important, renamed folders, and folders, in which files are saved, are assigned a still higher rank;

resources opened for less than a first predetermined amount of time are assigned a rank, lower than a default rank assigned to a resource accessed once,

resources not used for more than a second predetermined amount of time are assigned a rank, lower than a default rank assigned to a resource accessed once,

selectively displaying resources with predetermined ranks as directly displayed on lists of project-related resources and other resources being displayed, indirectly, if an additional operation is carried out; and

setting options for directly and indirectly displaying project-related resources with different ranks.

8. (ORIGINAL) A method according to claim 2, comprising manual viewing and editing of a part of the interaction history database related to an indicated project-related resource, such as a file, a computer folder, a URL, a message, or an email address, said part of the interaction history database displayed as a text, a statistical chart, or timeline diagram representing the use of the said indicated resource in one or several projects.

9. (ORIGINAL) A method according to claim 2, further comprising the step of:

displaying visual clues indicating for how long individual projects are not active.

10. (ORIGINAL) A method according to claim 1, further comprising the step of:

providing a personal information management system comprising tools selected from the group consisting of at least: a calendar, To Do lists, and notes; wherein entries to the personal information management system are linked to projects, which are active when the entries are being made.

11. (ORIGINAL) A method according to claim 1, further comprising the step of:

displaying one of a minimized and a maximized view of project description and personal information management tools; and

switching between the minimized view and the maximized view selectively at command.

12. (ORIGINAL) A method according to claim 10, further comprising the step of:

displaying project-related information in a calendar in a color associated with a given project.

13. (ORIGINAL) A method according to claim 10, comprising manually creating a description of a project and further comprising the steps of

creating a description of parts of the project or subtasks; and

marking one of the subtasks as the active subtask.

14. (ORIGINAL) A method according to claim 13, further comprising the steps of:

relating project-related information objects and personal information management system entries to specific subtasks, which are active when said resources are used and said entries are made; and

if no subtask is selected, then displaying all project-related information objects and personal information management system entries, and if a subtask is selected, then

displaying only those project-related information objects and personal information management system entries, which are related to the said subtask.

15. (ORIGINAL) A method according to claim 1, further comprising the steps of:

providing personal information management tools selected from the group consisting of at least: a calendar, To Do lists, and notes; wherein entries to said personal information management system are linked to projects, which are active when said entries are being made; and

creating an entry to a database containing interaction history when a user-action is carried out with an information object, wherein said entry at least comprises one of: time of the event, type of user-action, information object or objects used, and the project, which is active at the time of the event.

16. (ORIGINAL) A method according to claim 1, further comprising the steps of:

generating through document generating means a document containing a description of a specific project, said project description containing information types selected from a group consisting of at least: a project name, a project deadline, a description of project color, a description of a project icon, a list of a project's sub-projects with their respective deadlines, whether the project is completed or not, names of project-related files and folders, a list of project-related URLs, a list of project-related email addresses, headers of recent or all messages sent within the project, a list of all or recent events in project's interaction history, a statistical description of project's interaction histories, project-related notes and To Do entries, project-related calendar entries; and

selectively defining which types of information to be included in a project description.

17. (ORIGINAL) A method according to claim 15, further comprising the step of:

coloring areas of a calendar view representing time units, such as days, weeks, or months, of a predetermined period in the past with colors associated with the projects worked on during said time units, wherein the proportion of the area colored in a project's color is substantially proportional to the amount of time spent on that project.

18. (ORIGINAL) A method according to claim 1, further comprising the steps of: